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### UM students named undergraduate research fellows

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## **NEWS RELEASE**

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June 9, 1999

**Contact:** Carol Brewer, UM assistant professor of biological sciences, (406) 243-6016.

### **UM STUDENTS NAMED UNDERGRADUATE RESEARCH FELLOWS**

#### **MISSOULA –**

Ten undergraduate students in the Division of Biological Sciences at the University of Montana have received funding for summer research projects. The students are all seniors, and they were funded through the Integrated Biological Science Courses Organized Around Research Experiences project (Project IBS-CORE), which is intended to involve more undergraduate students in biological research.

Project IBS-CORE is funded by a prestigious, \$1.4 million grant that was awarded to UM last year by the Howard Hughes Medical Institute, a nonprofit medical research organization.

Each student researcher will receive a monthly stipend of \$750 for three months, plus a budget of up to \$1,000 for research materials and travel. A committee of biology faculty members reviewed and ranked all student research proposals when deciding who would receive grants.

The 1999 IBS-CORE Undergraduate Research Fellows are:

■ Sandra Beirne of **Walla Walla, Wash.** Her project is titled "Ecological Relevance and Mechanisms of Mammal Fecal Effects on Early Conifer Life Histories."



■ Suzanne Cox of **Missoula**. Her project is titled "Using G.I.S. to Predict the Distribution of the Timberline Sparrow, *Spizella breweri taverneri*, in Montana."

■ Vanessa Groves of **Helena**. Her project is titled "Survey of Microflora of Bees Using DNA-based Methods."

■ Levia Jones of **Ashland, Ore.** Her project is titled "The Role of *Mysis relicta* in Determining Zooplankton Distribution and Abundance."

■ Maryann Hubbard of **Missoula**. Her project is titled "The Role of CD45 in Lipopolysaccharide-induced Signal Transduction."

■ Todd Osmundson of **Missoula**. His project is titled "Species Occurrence of White-spored Saprophytic Mushroom Taxa in an Alpine Tundra Ecosystem."

■ Bethany Poulin of **Hollis, N.H.** Her project is titled "Use of Microsatellites to Estimate Migration in Flathead River System Bull Trout."

■ Davin Ringen of **Yuba City, Calif.** His project is titled "The Role of Moss in Primary Succession of Metal-contaminated Soils."

■ Robert Scalise of **Springfield, Va.** His project is titled "Acclimation and Deacclimation in Japanese Quail."

■ Morgan Valiant of **Bloomington, Ind.** His project is titled "Integrated Approach to Leafy Spurge Control."

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